Htek

Enterprise Business Phone

——Touch-screen IP Phone UCV50 Lite

UCV50 Lite is an enterprise business phone with smoother operation experience. 8" 1280x800 multi-point touch IPS screen and HD voice brings you realistic visual-audio experience. UCV50 Lite supports wireless Bluetooth handset BTP50. In terms of team collaboration, UCV50 Lite supports HDMI port for an external display; the three multi-function USB ports, as well as built-in Bluetooth and dual band Wi-Fi (2.4G/5G), can adapt to more flexible office scenes and easily improve productivity. The T-Flash can greatly expand the storage space of the IP Phone. This phone has faster response speed and richer expansion functions. Through UCV50 Lite, you can conduct remote collaboration better than ever.

Key Features and Benefits

1. 8-inch HD Touch Screen, intelligent cooperation experience

The UCV50 Lite adopts an 8-inch high-definition touch screen to provide premium experience. Supports receiving 1080p HD video from the calling side, 10-way local audio/video mixed conference (supports displaying 4-way video calls).

Furthermore, the one-piece foot stand's angle can be adjusted freely, supports wall mounting, fulfilling different customer needs, suitable for various usage scenarios.

2. Effective noise removal, undisturbed conversation

Supports several audio Codecs like Opus etc.; sampling rate of Opus cover all the way from 8 kHz (narrowband), 16 kHz (wideband), 32 kHz (ultra-wideband) to 48 kHz (all-band).

It applies advanced acoustic shield technology, which improves AEC, shows excellent double-talk performance, and restores clear and clean voice.

3. Up-to-date performance, efficient remote maintenance

You can use Htek RPS to achieve fast and efficient deployment. Just power on and connect to the Internet, the phone can be automatically deployed, realizing "Zero Touch Provisioning". In addition, it supports advanced tools such as Htek Device Management System (HDMS), so firmware update and device management can be completed through remote operation, making the phone easy to use, easy to deploy, and easy to manage.

4. Rich and practical functions, flexible connection modes

UCV50 Lite carries over traditional SIP phones' functions – it is compatible with SIP platforms and devices globally. It supports SRTP/TLS and ZRTP media stream encryption, 802.1x network access control, AES security profile and other well-established security guarantee mechanism. Besides dual-port Gigabit ethernet ports and PoE, it has smoother wireless connection with built-in dual-band Wi-Fi (2.4G/5G) and Bluetooth; it has three multi-function USB ports, supports HDMI fast screen projection, and the Micro SD card slot expands the phone memory. In addition, UCV50 Lite also supports UC46 expansion modules and EHS30 wireless headset adapters.

- 8-inch 1280x800-pixel multi-point touch IPS screen
- Support Bluetooth handset BTP50
- Support 1080p HD Video (Only receiving video from the calling side)
- 16 SIP accounts, 276 One-touch DSS Keys
- 8 feature keys Mute, Message, Headset, Video, Hold, Redial, Transfer and Speakerphone
- Volume control key
- 10-way audio & video mixed conferencing (displaying up to 4-way video call)
- HD Speaker, HD Handset
- Acoustic Shield, advanced AEC, excellent double-talk performance
- Dual-port Gigabit Ethernet, PoE support
- Built-in Bluetooth 5.0
- 2.4G/5G dual-band Wi-Fi
- 1xUSB type-A 3.0, 1xUSB type-A 2.0, 1xUSB type-C 2.0
- Support USB Headset/Bluetooth Headset/RJ-9 Headset
- Support USB Recording
- Micro SD card slot
- HDMI Port
- Support EHS30
- Support expansion modules
- Wall Mounting

Specifications

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Phone Features

- 16 SIP accounts
- Call hold, mute, DND
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Redial, call return, auto answer, direct IP call
- Ten-way audio & video mixed conferencing (up to 4-way video conferencing)
- SMS, emergency call
- Ring tone selection/provisioning
- Set date time automatically or manually
- Dial plan for each account
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- Action URL/URI
- Wireless Access Point (AP mode)
- Onscreen keyboard
- USB ports for media，storage
- Notification Center and Control Center

Video Features

- Support 1080p HD Video (only receiving video from the calling side)
- Video codec: H.265, H.264 High Profile, H.264, VP8

Audio Features

- HD voice: HD handset, HD speaker, HD codec
- Acoustic Shield
- Smart noise suppression for far end
- Audio codec: Opus, G.722, G.711 (A/µ), G.729AB, G.726-32, iLBC, G.723.1
- DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- Full-duplex hands-free speakerphone with AEC
- VAD, CNG, AEC, PLC, AJB, AGC, ANS

Directory

- Local phonebook up to 10000 entries
- Black list
- XML/LDAP remote phonebook
- Smart dialing
- Phonebook search/import/export
- Call history: dialed/received/missed/forwarded

IP-PBX Features

- Busy Lamp Field (BLF)
- Bridged Line Appearance (BLA)
- Anonymous call, anonymous call rejection
- Voice mail
- Intercom, paging
- Call park, call pickup
- Music on hold
- Hot-desking
- Call recording

Interface

- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af), class 3
- IEEE 802.3az Green Energy Efficient Ethernet
- 1 x USB Type-A port (3.0 compliant)
- 1 x USB Type-A port (2.0 compliant)
- 1 x USB Type-C port (2.0 compliant)
- 1 x RJ9 (4P4C) handset port
- 1 x RJ9 (4P4C) headset port
- 1 x Micro SD card slot
- 1 x HDMI port
- 1 x Security lock port

Feature keys

- 276 one-touch DSS keys
- 8 feature keys Mute, Message, Headset, Video, Hold, Redial, Transfer and Speakerphone
- Volume control key

Physical Features

- Built-in stand with multiple adjustable angles
- Wall mountable (need optional foodstand)
- External universal AC adapter: AC 100~240V input and DC 12V/2A output
- Power consumption (PSU): 3.5W-9W
- Power consumption (PoE): 4-10W
- Operating humidity: 10~90%
- Operating temperature: 0~40°C
- Storage temperature: -10~60°C

Management

- Configuration: browser/LCD-Menu/auto-provision
- Auto provision via HTTP/HTTPS/FTP/TFTP
- Auto-provision with PnP, Zero Touch, TR-069
- Reset to factory, reboot
- Local tracing log export, system log
- Phone lock for personal privacy protection
- Support install/uninstall apps via auto provision

Wi-Fi/Bluetooth

- Built-in dual band Wi-Fi:
  - Network Standard: IEEE802.11a/b/g/n/ac
  - Transmission Rate: Up to 867 Mbps (dynamic)
  - Frequency Range: 2.4GHz/5GHz

- Built-in Bluetooth 5.0:
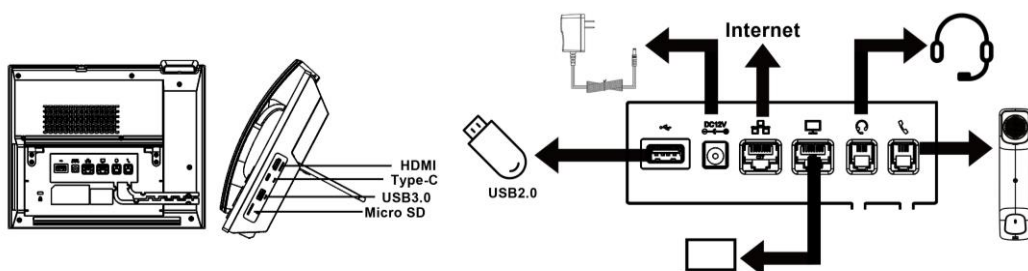 - Bluetooth headset
  - Bluetooth call

Network and Security

- SIP v1 (RFC2543), v2 (RFC3261)
- Call server redundancy supported
- SIP server/proxy redundancy
- NAT Traversal: STUN mode
- IP assignment: static/DHCP
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- DNS-NAPTR/DNS-SRV (RFC 3263)
- QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP
- Transport Layer Security (TLS1.3), SRTP, ZRTP
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-sess
- IEEE802.1X/OpenVPN
- IPv4/IPv6, LLDP/CDP/DHCP VLAN

Package Features

- Package content:
  - Phone Device*1pcs
  - Footstand*1pcs
  - Handset*1pcs
  - Handset Cord*1pcs
  - Ethernet Cable*1pcs
  - Quick Reference Manual
  - Power Adapter (Optional)
  - Wallmount foodstand (Optional)
- Qty/CTN:5pcs
- N.W/CTN:9.75kg
- G.W/CTN:10.60kg
- Phonebox Size: 335mm(L)*265mm(W)*120mm(H)
- Carton Meas: 635mm(L)*345mm(W)*285mm(H)

Compliance

CE FC

broadsoft netsapiens

HDMI Type-C
USB3.0
Micro SD

Internet

USB2.0

Learn More

To find out how Htek solutions can help your organization, visit us at www.htek.com or mail to sales@htek.com.

About Htek

Htek is a world-class designer and manufacturer of enterprise IP phones and gateways. Since 2005, Htek (aka Hanlong Technology) has provided customers in over 90 countries worldwide with high-quality VoIP products. Htek's UC900U series IP phones continue the tradition by focusing on cutting-edge features, broad SIP compatibility, great value, and an industry-leading warranty. Htek distributes its products via channel partners, and custom designs and rebrands products for large partners such as ITSPs. Nanjing Hanlong Technology Co., Ltd. is a private company headquartered in Nanjing, China, with offices in LATAM, North America and Europe.

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Technical Support

Visit Htek official website (http://www.htek.cz/) for firmware downloads, product documents, FAQ, and more. For better service, we sincerely recommend you to use Htek support system (https://www.businesscom.cz/technicka-podpora-businesscom.html) to submit all your technical issues.

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Tel: +420 261 303 303 | Mail: info@htek.cz | Web: www.htek.cz